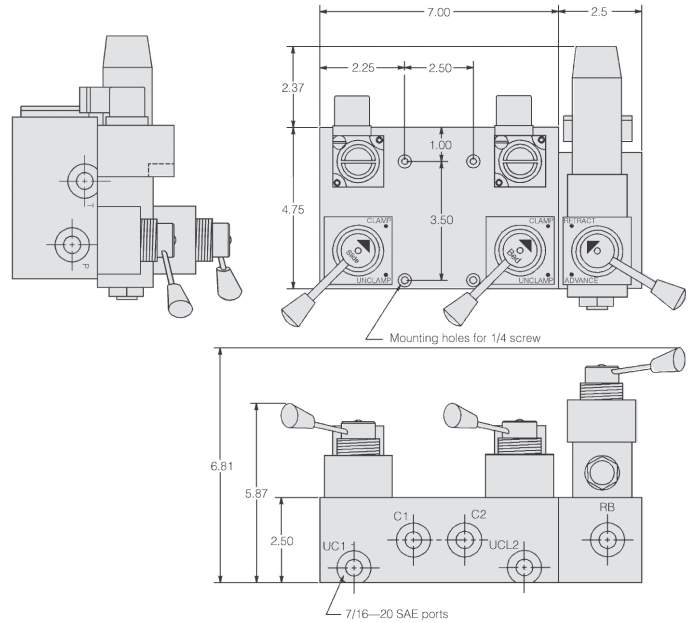
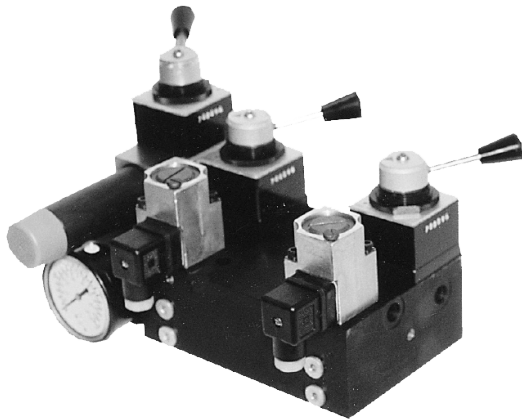


Valve packages manually operated



Application:

These manually operated valve packages provide a safe, convenient means of controlling the hydraulic fluid to die clamp and lifters for any press applications in a simple integrated unit.

Description:

The clamping pressure, as supplied from a separate pump unit, can actuate single- or double-acting clamps in the bed and ram safely. Pressure switches in the clamp line(s) (C1, C2) provide a signal to the press circuit if a valve is not activated or in the event of a pressure loss.

The reduced-pressure die-lifter circuit provides an adjustable reducer with circuit relief. A return line check valve keeps balls or rollers that are not under the die up during stamping.

The H-style die lifter circuit operates at full system pressure. It includes a circuit relief valve which reduces possible intensification caused by overloading the die lifters.

Can be mounted in any position.

Advantages:

- ◆ economical
- ◆ suitable for new or retrofit
- ◆ press enabled pressure switches

Technical data

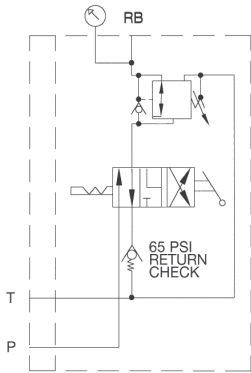
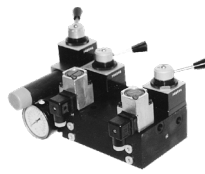
Hydraulic

Max. clamping pressure	psi	5,800
Die lifter pressure		See chart
Max. flow rate	(cu in/min)	693
Oil ports	SAE	7/16-20 UNC

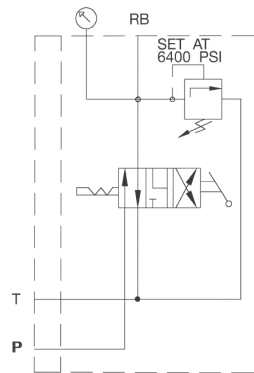
Pressure switch data

Adjustable pressure setting	psi	750 to 5,800
Average pressure differential		
at 1,450 psi	psi	350 ± 73
at 7,250 psi	psi	750 ± 116
Switch NO/NC		single pole
Contract rating	VAC	5 A at 250
Contact	VDC	3 A at 30

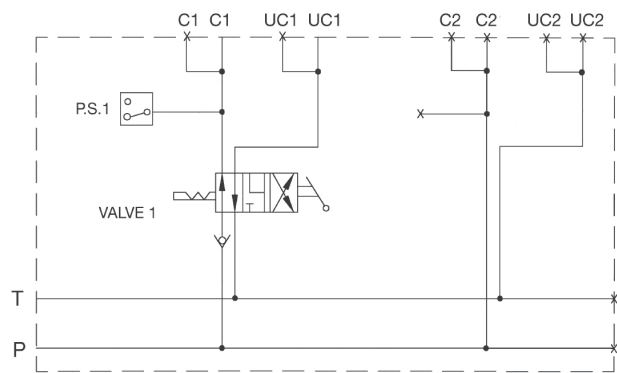
Part no.	Clamp circuits	Die lifter circuit		Weight (lbs.)
		Reduced pressure 400-2,175-PSI	System pressure 5,800 PSI max	
HCR-VP-M01		1		7.0
HCR-VP-M01-H			1	6.5
HCR-VP-M10	1			8.5
HCR-VP-M11	1	1		15.5
HCR-VP-M11-H	1		1	15.0
HCR-VP-M20	2			10.5
HCR-VP-M21	2			17.5
HCR-VP-M21-H	2		1	17.0



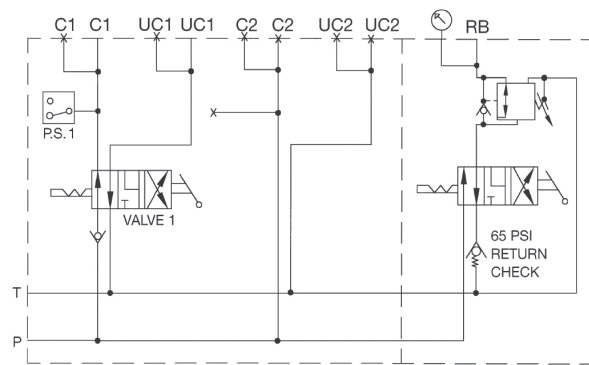
HCR-VP-M01



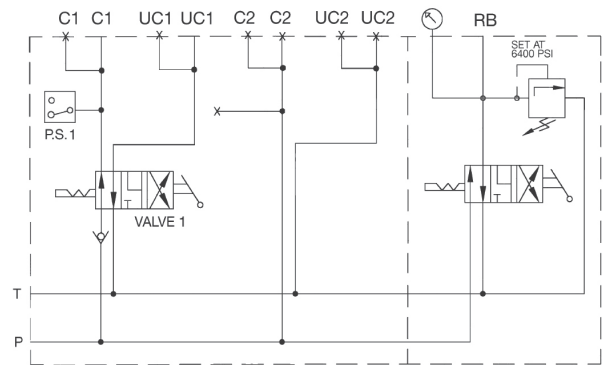
HCR-VP-M01-H



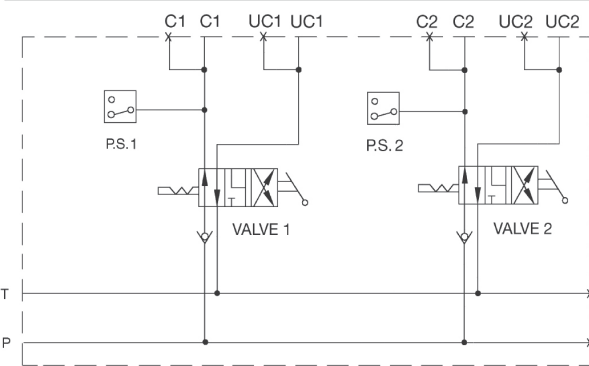
HCR-VP-M10



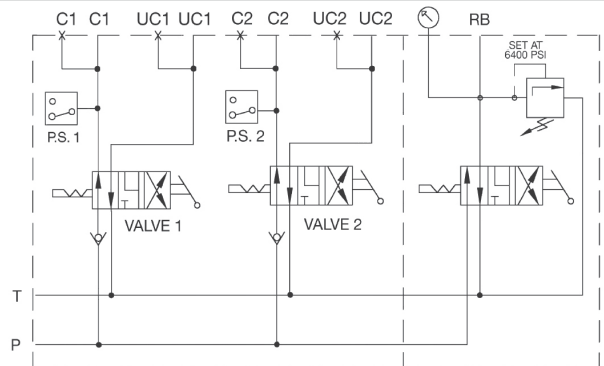
HCR-VP-M11



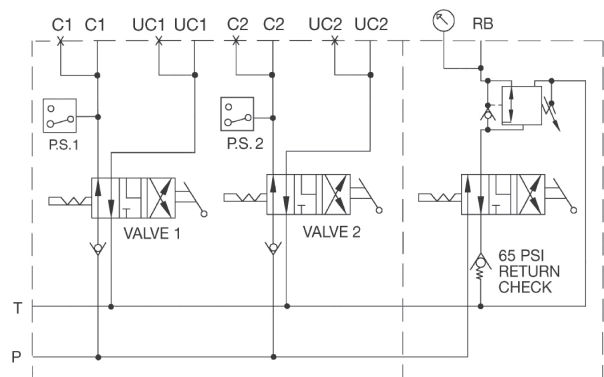
HCR-VP-M11-H



HCR-VP-M20



HCR-VP-M21-H



HCR-VP-M21